ADAPTIVE INTELLIGENT SYSTEMS

Company Information

Company Name
ADAPTIVE INTELLIGENT SYSTEMS

Address
A020B ASTeCC Building
University of Kentucky
Lexington, KY, 40506
Phone
1 859-537-9871

Company Website
n/a
DUNS
615662207

Number of Employees
5
Hubzone Owned:
N

Minority Owned:
N
Woman Owned:
N

Award Totals

jQuery(document).ready(function() { (function ($) { var program = ['SBIR Phase I', 'SBIR Phase II', 'STTR Phase I', 'STTR Phase II']; var programCount = [{"y":4,"amount":"310,000.00"},{"y":2,"amount":"749,764.00"},{"y":0,"amount":"0.00"},{"y":0,"amount":"0.00"}]; //var programAmount = [310,000.00,749,764.00,0.00,0.00]; var title = 'Firm Award by Program and Phase'; var titleFormat = 'Count: {point.y:0f}'; var titleFormatAmount = 'Amount: ${point.y:.2f}'; var charWidth = $('#award-totals-chart-count').width(); charWidth -= 120; $('#award-totals-chart-count').highcharts({ chart: { type: 'column' }, title: { text: title }, xAxis: { categories: program, labels: { rotation: -45, style: { fontSize: '13px', fontFamily: 'Verdana, sans-serif' } } }, yAxis: { min: 0, title: { text: 'Awards' } }, legend: { enabled: false }, tooltip: { formatter: function() { return '' **+ this.x +** '

' + 'Award Count: **'+ this.y +**'
' + 'Award Amount: **$'+ this.point.amount +**''; } }, series: [{ name: 'Program/Phase', data: programCount, dataLabels: { enabled: false, rotation: -90, color: '#FFFFFF', align: 'right', //format: '{point.y:.0f}', // no decimal y: 10, // 10 pixels down from the top style: { fontSize: '13px', fontFamily: 'Verdana, sans-serif' } } }] }); $("#award_total_table").trigger('click'); })(jQuery); });

- Award Table
- Award Chart

PROGRAM/PHASE
AWARD AMOUNT ($)

NUMBER OF AWARDS
SBIR Phase I
$310,000.00
4
SBIR Phase II
$749,764.00
2

Award List

1.

[Weld Penetration Monitoring and Feedback Control in Submerged Arc Welding]

Amount: $70,000.00

This SBIR project aims at the development of an innovative technology that can be attached to existing submerged arc welding (SAW) systems to monitor and feedback control the depth of weld penetration ...

SBIR Phase I 2010 NavyDepartment of Defense

2.

[Sensor Torch Based Adaptive Intelligent Control for Circumferential Welding of Pipes]

Amount: $70,000.00

Orbital pipe welding systems can function like skilled welders, to certain extent, who can move the torch very smoothly/evenly. However, their adjustment of welding parameters is not a true emulation ...

SBIR Phase I 2006 NavyDepartment of Defense

3.

[Monitoring of Arcing Condition in GMAW and Its Variants]

Amount: $70,000.00

This SBIR Phase I project is to prove the feasibility of an innovative weld monitoring technology. This innovative technology is characterized by (1) an innovative non-transferred arc sensor which res ...

SBIR Phase I 2008 NavyDepartment of Defense

4.

[A Modified GMAW System for Distortion Reduction and Travel Speed Increase through Separate Heat Input and Deposition Rate Control]

Amount: $100,000.00

Gas Metal Arc Welding (GMAW) is the most widely used welding process. It is also the major process used in shipbuilding. In traditional GMAW and all its modifications, the current which melts the wire ...

SBIR Phase I 2008 NavyDepartment of Defense

5. [Sensor Torch Based Adaptive Intelligent Control for Circumferential Welding of Pipes]

Amount: $299,798.00

Orbital pipe welding systems are not true emulation of skilled welders who adjust welding parameters based on observation on the weld pool. This SBIR Phase II project aims at the development of commer ...

SBIR Phase II 2008 NavyDepartment of Defense

6. [A Modified GMAW System for Distortion Reduction and Travel Speed Increase through Separate Heat Input and Deposition Rate Control]

Amount: $449,966.00

In traditional GMAW and modifications, the current melting the wire is the same as the current heating the base metal. To maintain a minimally acceptable productivity, the base metal heat input is typ ...

SBIR Phase II 2009 NavyDepartment of Defense